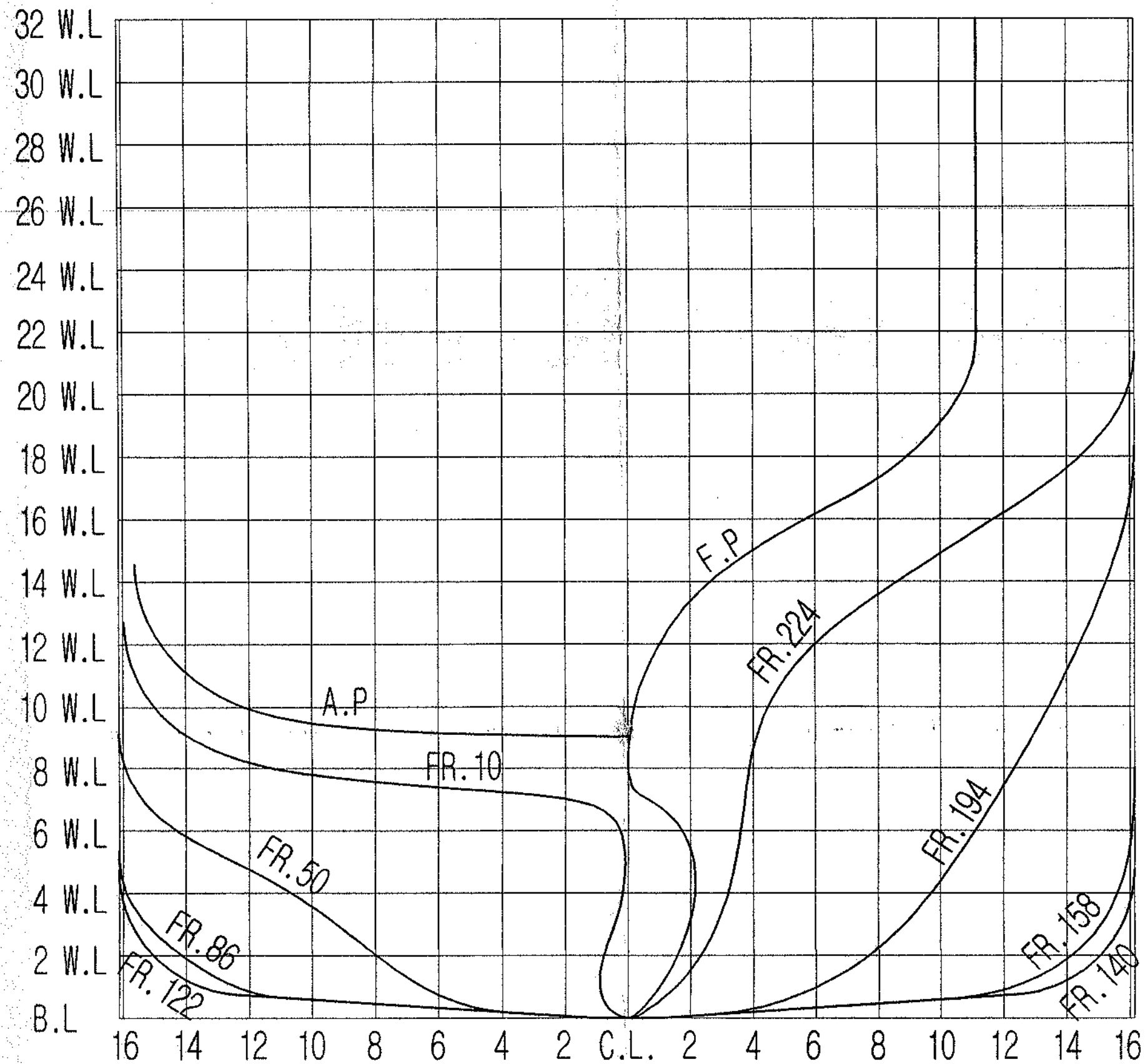


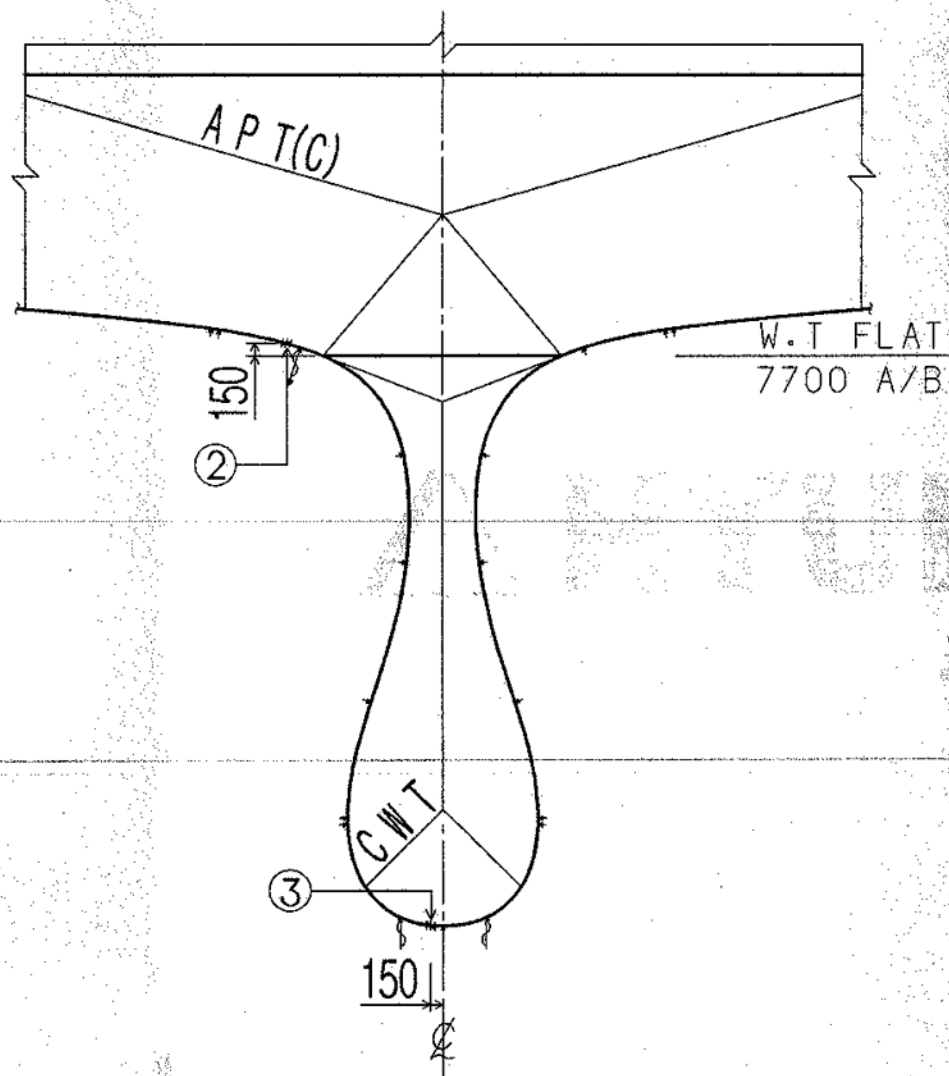


BODY PLAN, SCALE 1:200



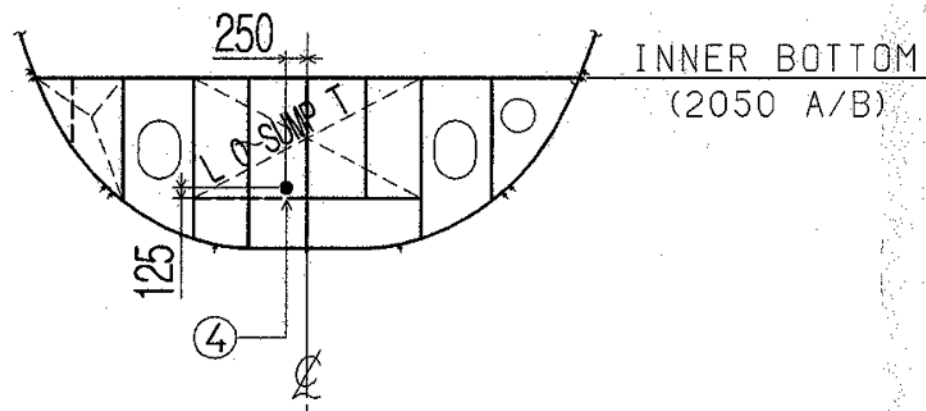
DETAIL 2, 3, SCALE 1: 100

FR.11 -300 SEC.

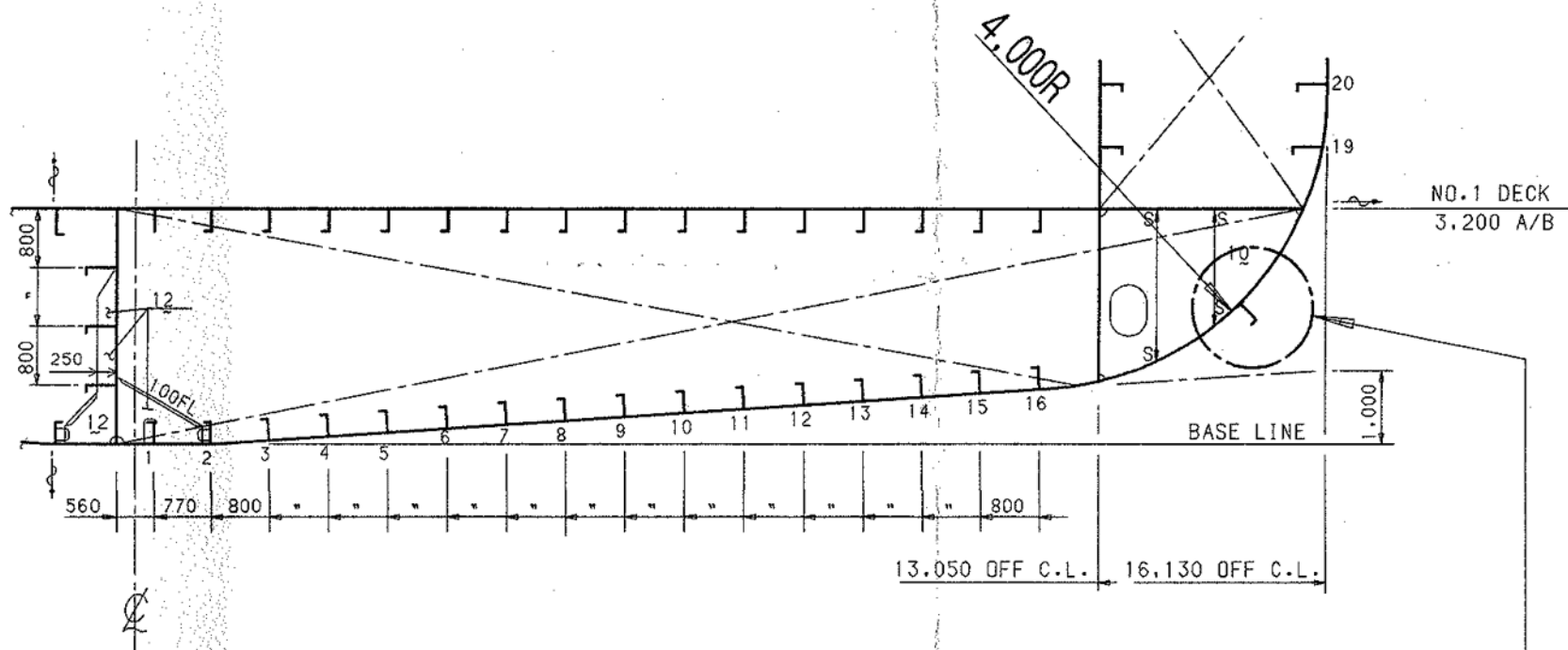


DETAIL 4, SCALE 1: 100

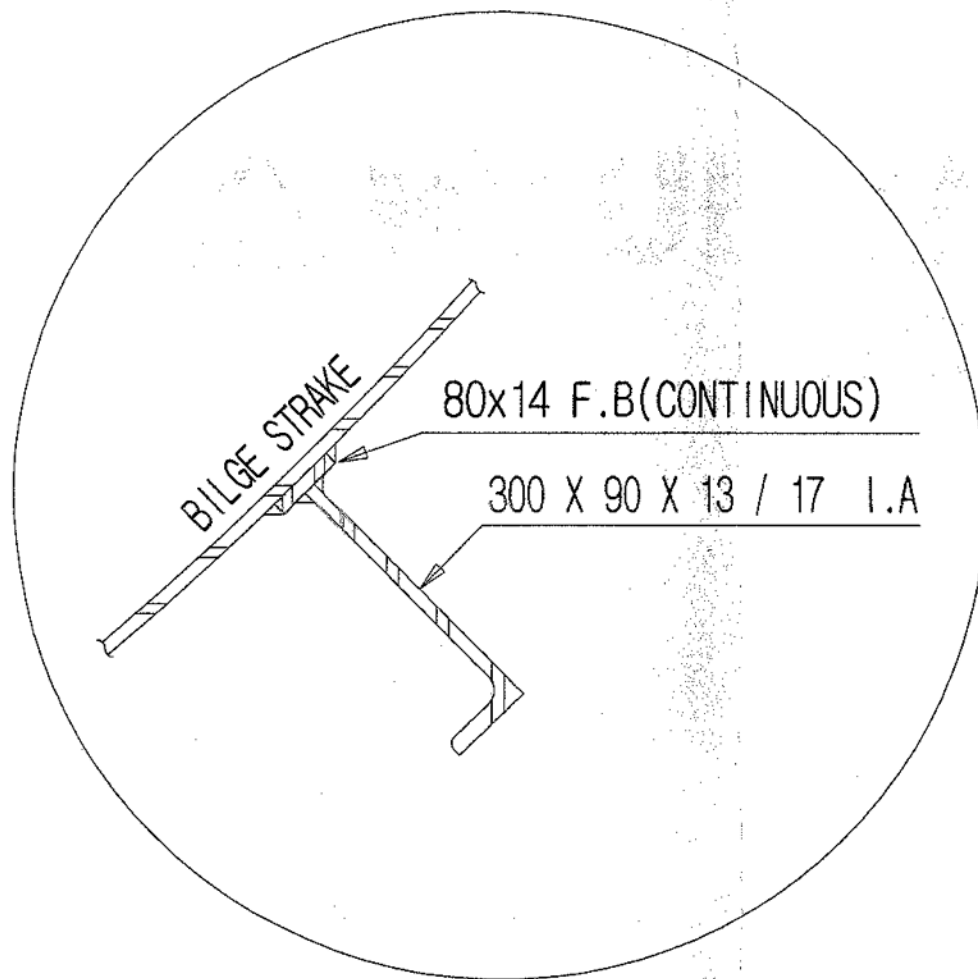
FR.27 SEC.



MIDSHIP SECTION, SCALE 1: 100

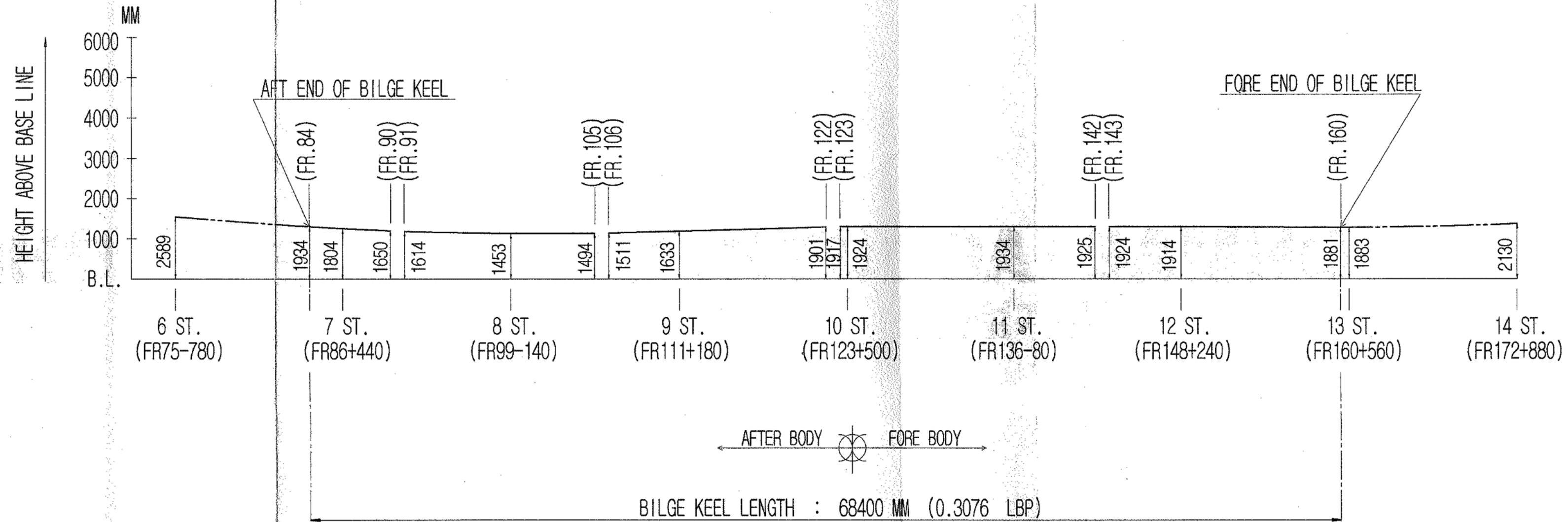


DETAIL OF BILGE KEEL, SCALE 1: 40

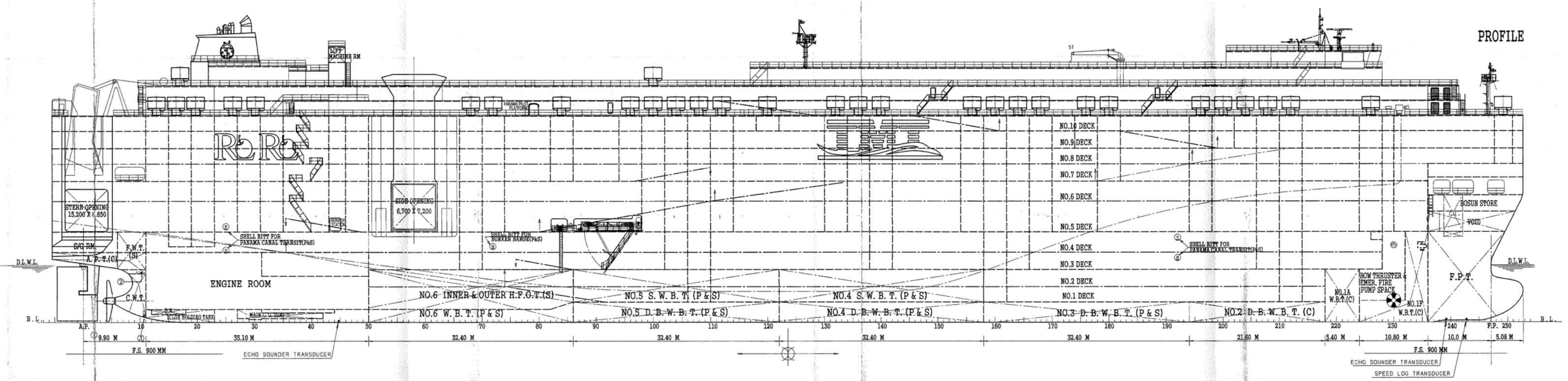


LINES OF BILGE KEEL, NON-SCALE

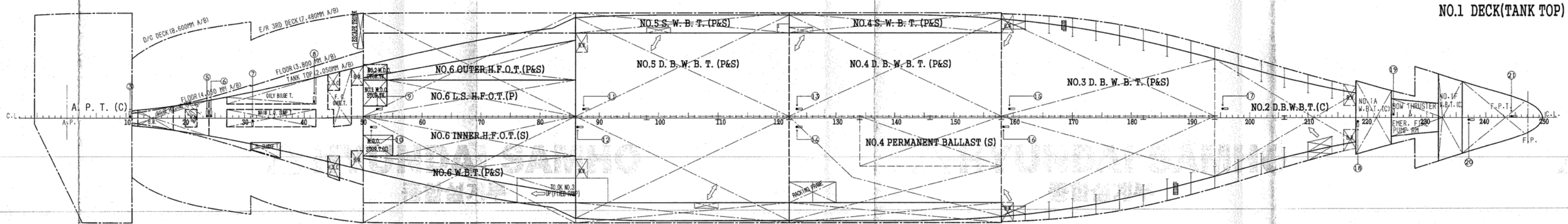
———— : PART OF NON-CONTINUOUS TYPE BILGE KEEL
- - - - - : EXTENDED LINE FOR REFERENCE



PROFILE



NO.1 DECK(TANK TOP)



LIST OF BOTTOM PLUG

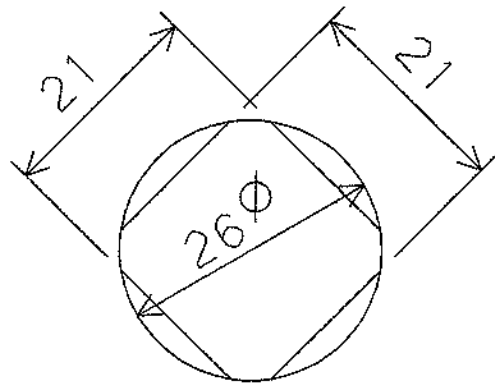
PLUG NO.	POSITION			COMPARTMENT	ABBREVIATION	PLUG TYPE
	FR. NO.	OFF C.L	P&S			
①	1	0	C	RUDDER HORN	'NO MARK'	A
②	10+250	SEE DET.	P	AFTER PEAK TANK	A P T	A
③	11-300	SEE DET.	P	COOLING WATER TANK	C W T	A
④	27	SEE DET.	P	MAIN LUBRICATING OIL SUMP TANK	'NO MARK'	B
⑤	24-300	250	P	BILGE HOLDING TANK	BLG HOLD T	B
⑥	24+300	250	P	COFFERDAM	C D	A
⑦	31+300	300	S	COFFERDAM	C D	A
⑧	42-300	2405	P	OILY BILGE TANK	O BLG T	B
⑨	52+300	1300	P	NO.6 WATER BALLAST TANK	6 W B T	A
⑩	51+300	1300	S	NO.6 WATER BALLAST TANK	6 W B T	A
⑪	87+300	1300	P	NO.6 WATER BALLAST TANK	5 DB W B T	A
⑫	86+300	1300	S	NO.5 DOUBLE BOTTOM WATER BALLAST TANK	5 DB W B T	A
⑬	123+300	1300	P	NO.4 DOUBLE BOTTOM WATER BALLAST TANK	4 DB W B T	A
⑭	123+300	1300	S	NO.4 DOUBLE BOTTOM WATER BALLAST TANK	4 DB W B T	A
⑮	159+300	1300	P	NO.3 DOUBLE BOTTOM WATER BALLAST TANK	3 DB W B T	A
⑯	158+300	1300	S	NO.3 DOUBLE BOTTOM WATER BALLAST TANK	3 DB W B T	A
⑰	195+300	1300	P	NO.2 DOUBLE BOTTOM WATER BALLAST TANK	2 DB W B T	A
⑱	218+300	500	S	NO.1 AFTER WATER BALLAST TANK	1 A W B T	A
⑲	224+300	400	P	NO.1 FORE WATER BALLAST TANK	1 F W B T	A
⑳	237+100	250	S	FORE PEAK TANK	F P T	A
㉑	244+300	100	P	FORE PEAK TANK	F P T	A

PAINTING AREAS

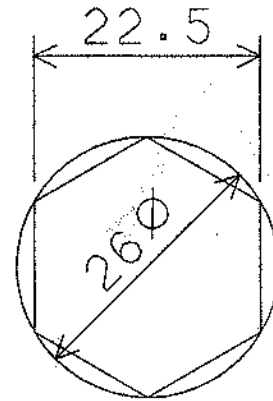
DESCRIPTION	LOCATION	AREA (M2)
FLAT BOTTOM	UP TO BILGE KEEL LEVEL	4,500
SIDE BOTTOM	UP TO DESIGN DRAFT, 9.0M	4,620
TOP SIDE	FROM DESIGN DRAFT TO NO.8 DECK	7,890
SUPER STRUCTURE	FROM NO.8 DECK TO UPPER DECK	5,850

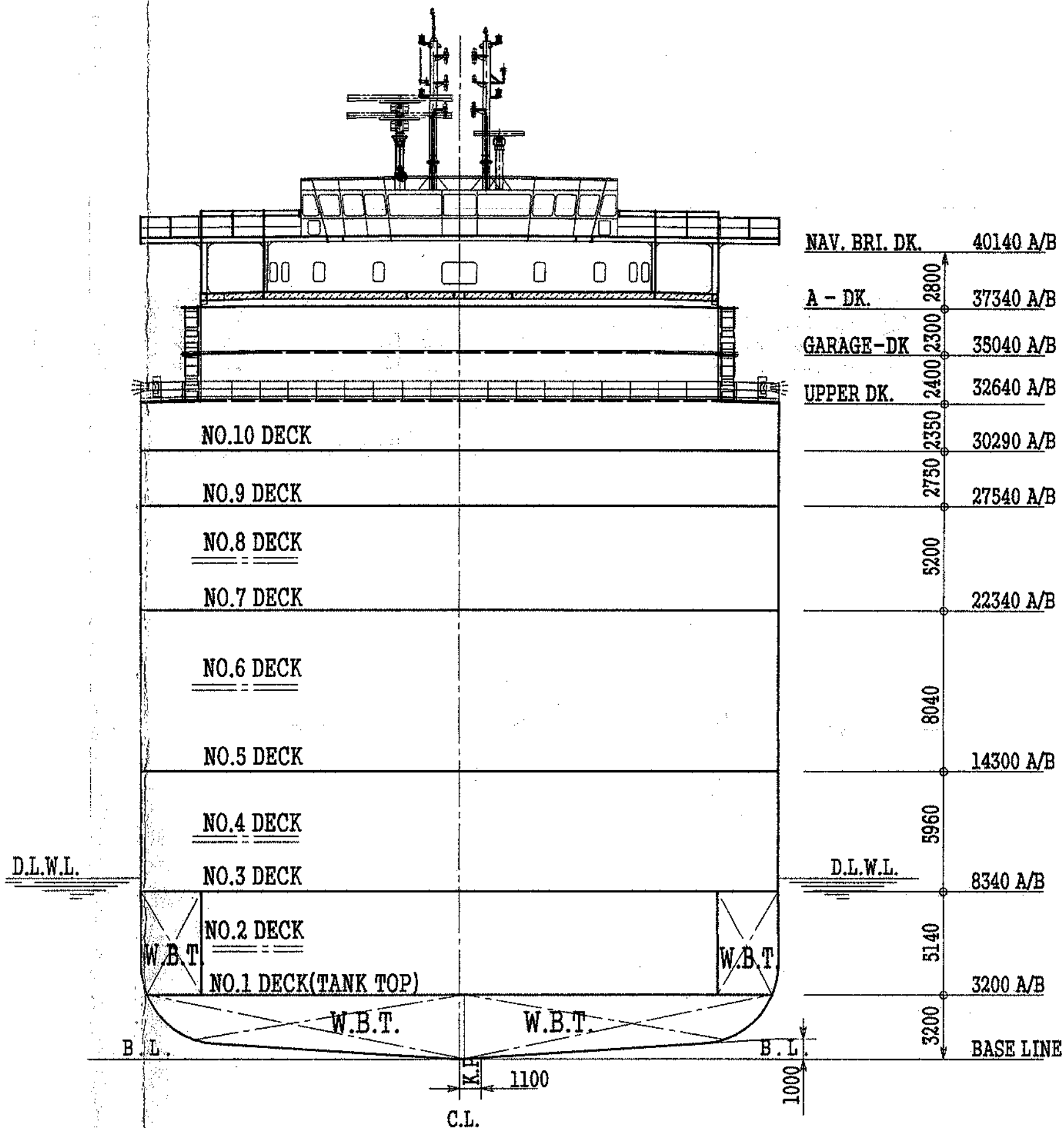
TYPE OF PLUG

'A' TYPE ; WATER TANK PLUG



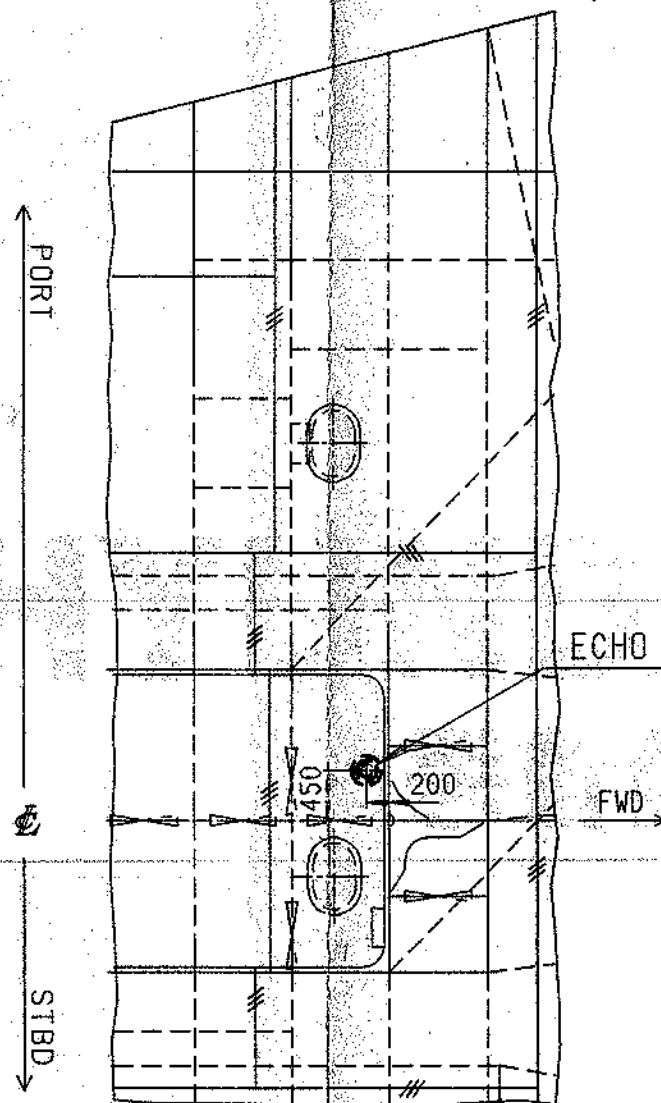
'B' TYPE ; OIL TANK PLUG





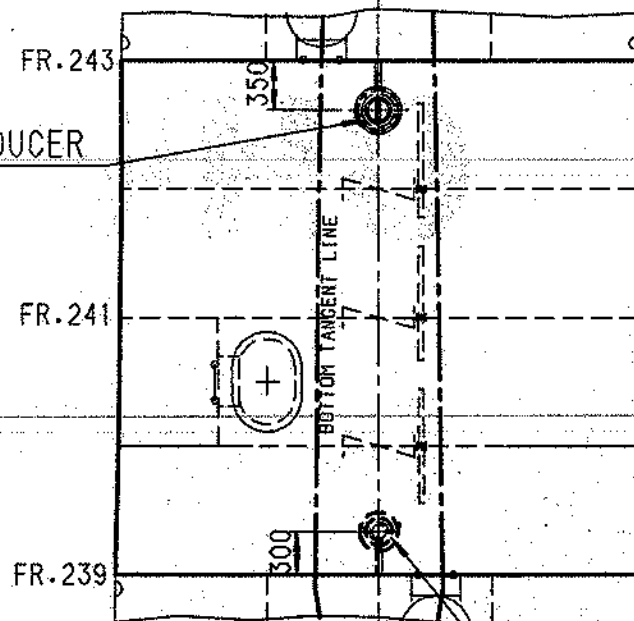
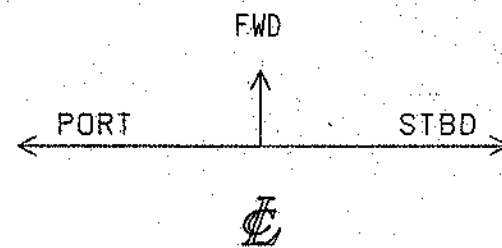
MIDSHIP SECTION

ARRG'T OF ECHO SOUNDER TRANSDUCER
(E/R AREA) (NON SCALE)



FR. 43 FR. 44 FR. 45 FR. 46

ARRG'T OF ECHO SOUNDER & SPEED LOG TRANSDUCER (FORE SHIP)
(NON SCALE)



ECHO SOUNDER TRANSDUCER

PRINCIPAL PARTICULARS

LENGTH O. A.	232.39	M
LENGTH B. P.	222.40	M
BREADTH MLD.	32.26	M
DEPTH MLD.	32.64	M
DRAUGHT (DESIGN) MLD.	9.00	M
DRAUGHT (SCANTLING) MLD.	10.00	M

FREEBOARD : "B" TYPE

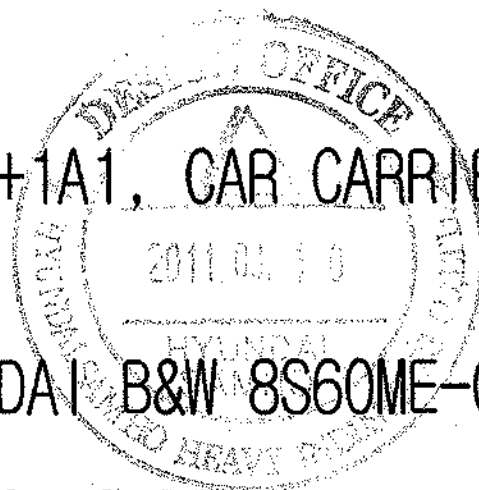
FLAG : PANAMA

CLASS : DET NORSKE VERITAS, +1A1, CAR CARRIER RO/RO, EO, MCDK, TMON

MAIN ENGINE : ONE(1), HYUNDAI B&W 8S60ME-C8

MCR : 19040 kW X 105.0 RPM

NCR : 17136 kW X 101.4 RPM



AS ISSUED DWG

SHIP NO.	IMO SHIP IDENTIFICATION NO.
S398	IMO 9441867
S399	IMO 9445394
S400	IMO 9445409
S443	IMO 9472206

C A U T I O N

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☐ FOR REVISION

2011.01.10
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